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IN THE CLAIMS:
Kindly replace the claims of record with the following full set of claims:

1. - 2. (cancelled)

3. (previously presented) A high frequency receiver (1), which is provided with a front end comprising a low noise amplifier (2), and which is provided with quadrature mixers (3) coupled to the low noise amplifier (2), characterised in that the low noise amplifier is a quadrature low noise amplifier (2-1, 2-2), characterised in that quadrature paths (I, Q) of the quadrature low noise amplifier (2-1, 2-2) are implemented differentially.

4. (original) The high frequency receiver (1) according to claim 3, characterised in that the differential quadrature low noise amplifier (2-1; 2-2) is constructed as a class AB operating circuit.

5. (previously presented) The high frequency receiver (1) according to claim 3, wherein the quadrature low noise amplifier (2-1, 2-2) comprises a cascode arrangement of semiconductors (15).

6. (previously presented) The high frequency receiver (1) according to claim 5, wherein the semiconductors (15) are of the type MOST.

7. (C) A high frequency receiver (1), which is provided with a front end comprising a low noise amplifier (2), and which is provided with quadrature mixers (3) coupled to the low noise amplifier (2), characterised in that the low noise amplifier is a quadrature low

noise amplifier (2-1, 2-2), in that the quadrature low noise amplifier (2-1, 2-2) comprises a cascode arrangement of semiconductors (15), and in that across the cascode arrangement of semiconductors (15) there is connected a capacitor (C).

8. (Previously presented) A high frequency receiver (1), which is provided with a front end comprising a low noise amplifier (2), and which is provided with quadrature mixers (3) coupled to the low noise amplifier (2), characterised in that the low noise amplifier is a quadrature low noise amplifier (2-1, 2-2), characterised in that the high frequency receiver (1) comprises two quadrature choppers (10-1, 10-2) coupled between respective outputs (4, 5) of the quadrature low noise amplifiers, that include said amplifier and another quadrature low noise amplifier, and respective inputs of the quadrature mixers (3-1, 3-2) whose output is demodulated by a quadrature demodulator.

9. (previously presented) The high frequency receiver (1) according to claim 8, wherein the quadrature choppers (10-1, 10-2) and quadrature mixers (3-1, 3-2) are combined to passive quadrature choppers/mixers.

10. (cancelled)

11. (previously presented) A quadrature low noise amplifier for application in the high frequency receiver (1) according to claim 3.

12. (previously presented) A method for receiving high frequency signals, comprising:

implementing, differentially, quadrature paths of a quadrature low noise amplifier disposed at a front end of a high-frequency receiver; and

coupling quadrature mixers to the amplifier.

13. (Previously presented) The method of claim 12, wherein the differential quadrature low noise amplifier is constructed as a class AB operating circuit.

14. (Previously presented) The method of claim 12, wherein the quadrature low noise amplifier comprises a cascode arrangement of semiconductors.

15. (Previously presented) The method of claim 14, wherein the semiconductors are of the type MOST.

16. (new) The method of claim 12, wherein the coupled quadrature mixers are in a receive circuit of said receiver.

17. (new) The method of claim 16, wherein output of said mixers comprises a signal that has been down-converted by said receive circuit.

18. (new) The receiver of claim 3, wherein the coupled quadrature mixers are in a receive circuit of said receiver.

19. (new) The receiver of claim 18, wherein output of said mixers comprises a signal that has been down-converted by said receive circuit.

20. (new) The receiver of claim 7, wherein said cascode arrangement comprises two parallel legs of said semiconductors, both legs being in parallel with said capacitor.

21. (new) The receiver of claim 7, wherein said cascode arrangement comprises a differential cascode arrangement.

22. (new) The receiver of claim 8, wherein each of said choppers switches its respective outputs for coupling with the other of said choppers.

23. (new) The receiver of claim 8, wherein said choppers switch in-phase and quadrature signals.